RPD 7000

High-Power FM/AM/CD Receiver with Detachable Face
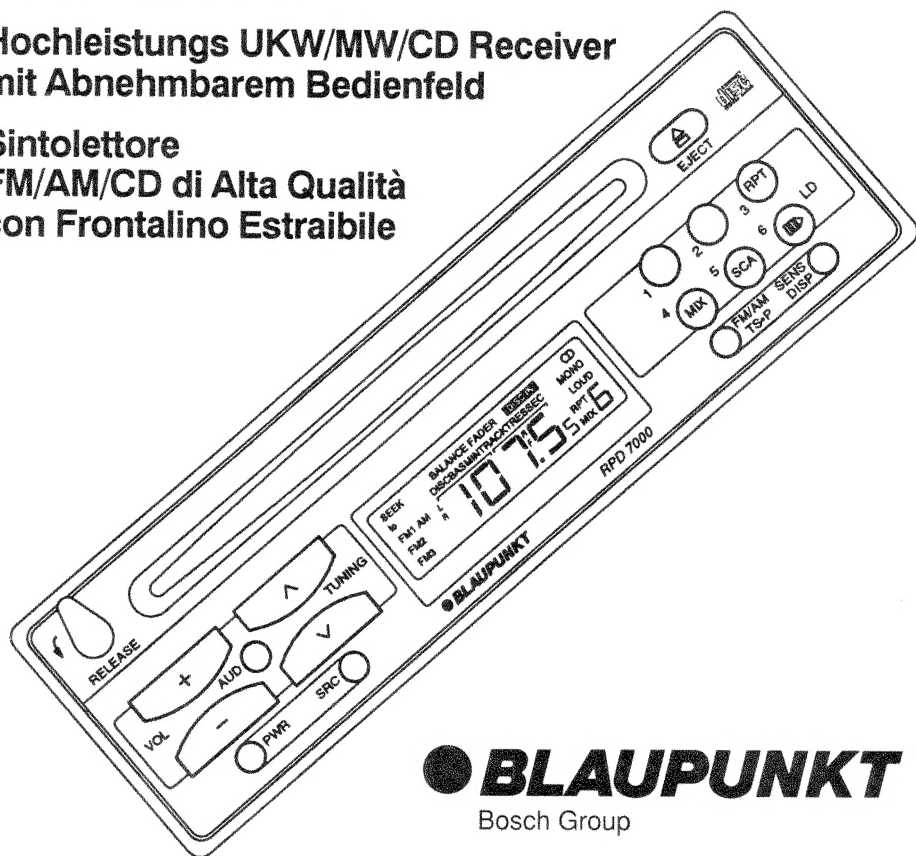
Récepteur Stéréo FM/AM/CD de Forte Puissance avec Panneau Avant Amovible

Rádio FM/AM/CD de Alta Potência com Face Removível

Receptor de Alta Potencia FM/AM/CD con Frente Desmontable

Hochleistungs UKW/MW/CD Receiver mit Abnehmbarem Bedienfeld

Sintolettore FM/AM/CD di Alta Qualità con Frontalino Estraibile

●BLAUPUNKT

Bosch Group

Features

Congratulations on your purchase of the Blaupunkt RPD 7000 FM/AM/CD Receiver. Its Phase Locked Loop (PLL) quartz FM/AM tuner and 3-Beam Laser/Anti-Vibration & Shock CD Mechanism provide the ultimate in sound reproduction. The Travel Store feature allows you to automatically load six receivable FM and six receivable AM stations into the tuner's presets as you travel through various reception areas. The Track Program Memory allows you to program a disc playing sequence of up to 16 tracks.

Tuner Features:
- Electronically-Tuned PLL Tuner
- 18 FM/6 AM Station Presets, including 6 FM & 6 AM Travel Store Presets
- Scan
- Preset Scan
- Automatic and Manual Tuning
- Local/Distant/Mono Reception Control

CD Features:
- Track Up/Down
- Cue/Review
- Track Repeat
- Track Programming
- 3-Beam Laser Pick-Up
- 1 Bit/8 Times Oversampling Digital Filter
- Anti-Vibration and Shock CD Mechanism
- Track Scan
- Pause/Play
- Track Mix

Audio Features:
- Volume/Balance/Fader Controls
- Separate Bass and Treble Controls
- Electronic Volume-Level Memory
- 5 Tone Memory Presets
- Loudness Button

General Features:
- Detachable Faceplate for Security
- Portable Input Jack
- 2 x 25 Watt Integrated Amplifier
- 2 Channel RCA Preamp Output
- ASU Impulse Noise Quieting
- LCD Display/Clock
- Night Illumination
- Connection for Motorized Antenna
- Includes Mounting Strap
- DIN Mounting Chassis

The detachable front faceplates makes the chassis useless to would-be thieves.

General Specifications

Power Requirement
Operating Voltage: 12.0 V DC (11-16 V DC)
Grounding System: Negative
Dimensions: 178 x 50 x 150mm (7 x 2 x 6 in.)

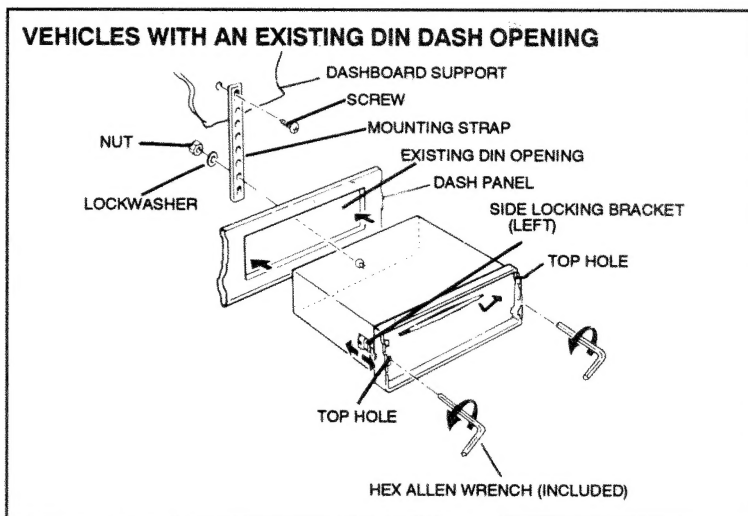Design and specifications subject to change without notice.

Installation (In-Dash Mounting)

If you're not confident that you can install the unit correctly, have it installed by a qualified Blaupunkt installation technician.

The illustration shows a typical installation, however, you may need to adjust your installation, depending on the vehicle and the unit. We recommend making and testing all electrical connections before installation.

If you have questions or need additional installation hardware, consult your Blaupunkt dealer.

Be sure to detach the face before you start to connect or install the unit.

VEHICLES WITH AN EXISTING DIN DASH OPENING

Electrical Connections

Power Connections—To prevent short circuits and/or serious damage:
- Disconnect the vehicle battery's negative terminal before making connections.
- Use this unit only with negative ground 12 Volt (11- 16 Volt) direct current (DC).
- Connect leads according to the wiring diagram.
- The blue lead for triggering a motorized antenna can also be connected to the appropriate input on an external amplifier to turn it on. (Don't connect this lead to the power input on an amplifier or anything else.) The combined total amperage required by the motorized antenna and anything else activated by this lead must not exceed 100 mA.
- Connect the black lead to a grounded metal part of the vehicle. We recommend grounding all audio system black ground leads (head unit, external amplifier, etc.) to a common ground point.
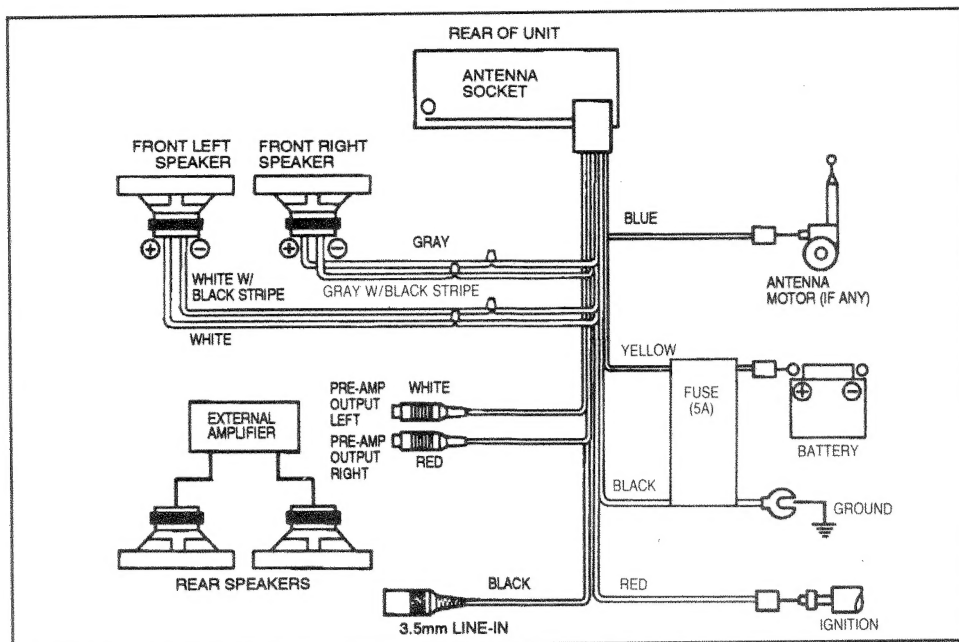
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Speaker Connections—To prevent short circuits serious damage to the unit and/or speakers:

- Don't ground the negative speaker leads (or pre-amp outputs) to a metal part of the vehicle.
- Don't connect any active speakers (speakers with built-in amplifiers) to the speaker leads.
- Don't connect the left and right speaker leads to each other or to the same speakers.
- Don't connect the speaker leads and the preamp outputs to each other or to the same speakers.
- The RPD 7000 can accept speakers with impedence levels as low as 2 ohms that have a minimum 25 watt power-handling capability.
- Connect one speaker (regular, co-axial or tri-axial) to each pair of speaker leads as shown in the wiring diagram.
- The RPD 7000 will also allow you to connect **two speakers** "in parallel" to each pair of speaker leads. Speakers used in this arrangement—regular, co-axial and/or tri-axial—must each have **4 ohms minimum impedance** and have a minimum 25-watt power-handling capability. Please note that you will not be able to fade between two sets of speakers when using this arrangement. The RPD 7000 fades only between the speaker leads and the preamp output leads.

Connections To External Amplifier(s)

You can connect the 2 pre-amp channels to external amplifiers (Blaupunkt amplifiers available separately).

- Following the amplifier's instructions, connect each RPD 7000 preamp output to the amplifier and connect a rear speaker directly to the amplifier.
- A second pair of speakers (with adequate power-handling capabilities) can be connected to the 25W speaker leads.

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Detachable Face

Detaching & Attaching the Face:
The face of this unit can be detached and taken with you to prevent it from being stolen.
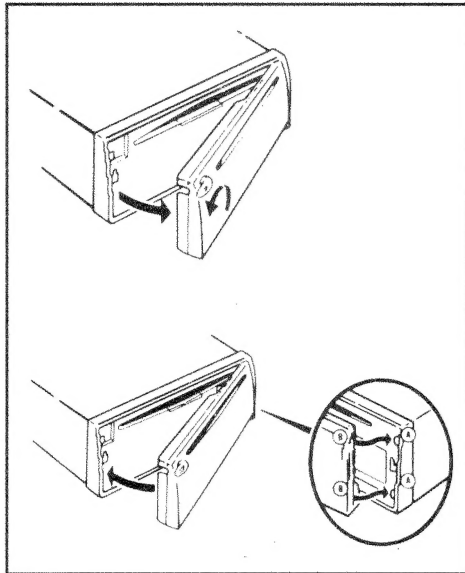
Detaching the Face:
Before detaching the face, be sure to press the Power Button (7) off first. Then turn the Release Lever (1) and detach the face by gently pulling it towards you as illustrated.

Note: Be sure to pull it 1/2 inch or more to the left. Do not pull it straight out from the chassis. Be sure not to drop the face when detaching it from the chassis.

Attaching the Face:
Apply the right-hand side of the face to the chassis by sliding (part B) of the face to (part A) at the front of the chassis. Gently push the left side of the face against the front of the chassis until it snaps into place.
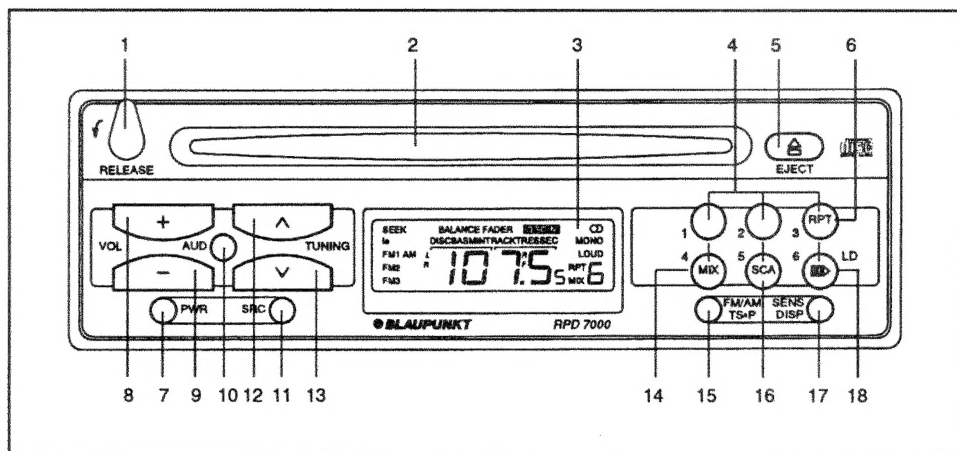

Note: Make sure that the face is inserted right side up. Do not press against the Display Window. Do not press hard against the face when attaching it to the chassis, it may be easily attached with gentle pressure.

PORTABLE JACK INPUT

An auxiliary input jack that allows you to connect portable audio equipment with a 1.2 volt/ 3.5mm connector is located at the back of the unit. To play cassettes through your car audio system, simply plug your portable tape player into the jack and use the SRC (Source) Button (11) to select the auxiliary jack as the active sound source. When the auxiliary jack is the sound source, "AU" will appear in the Display.

Location of Controls

1. Release Lever
2. Disc Insertion Slot
3. LCD Display Window:
4. Preset Buttons (FM/AM, Travel Store, & Tone Memory)
5. Disc Eject Button
6. RPT (Repeat) Button
7. Power Button
8. + Control:
   Volume +
   Bass +
   Treble +
   Balance Right
   Fade Rear
9. – Control:
   Volume –
   Bass –
   Treble –
   Balance Left
   Fade Front

10. AUD (Audio Select) Button
    Volume Mode
    Bass Mode
    Treble Mode
    Balance Mode
    Fader Mode
    Loudness Mode
    Preset Tone Mode
11. SRC (Source) Button
12. ∧ Tuning Control:
    Automatic Up
    Manual Up
    Scan
13. V Tuning Control:
    Automatic Down
    Manual Down
    Preset Scan
14. MIX Button
15. FM/AM/TS•P (Band/Travel-Store/ Program) Button
16. SCA (CD Scan) Button
17. SENS (Sensitivity) Button
18. LD (Loudness)/Pause Play Button

Instructions

GENERAL OPERATION

Power-On
To turn unit on, turn the ignition key to the on position. Press Power Button (7).

Volume
Press the + / – Controls (8 & 9) to increase or decrease the volume to the desired level. The volume level is indicated in the Display Window (3).

Electronic Volume-Level Memory
First, adjust the volume to the desired volume level. Press and hold the Power Button (7) for more than 2 seconds. The unit turns off and the volume level is memorized. When the unit is turned on, the volume will be at the memorized level, even if the unit was turned off at a higher level. However, if the unit is turned off when the volume level is lower than the stored Electronic Volume-Level Memory, the volume will be at the lower level when the unit is turned back on.

Bass and Treble
Press AUD (Audio Select) Button (10) once to select the Bass mode, twice for the Treble mode. The level is indicated in the Display (3). Press the + Control (8) or – Control (9) to increase or decrease the level.

Tone Memory
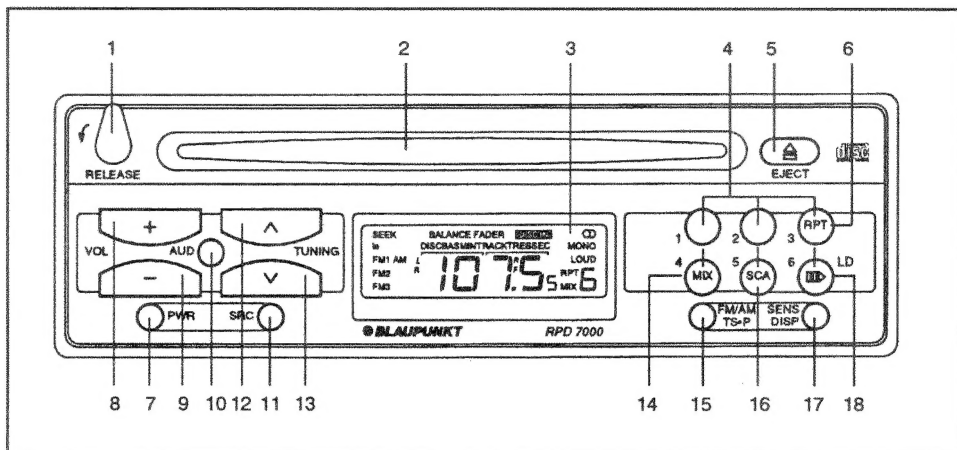The RPD 7000 can memorize and recall up to five different tone mixes of bass and treble levels:
- Adjust the bass and treble levels, as described above.
- While the bass and/or treble level is still in the Display, press and hold one of the Preset Buttons (4) for two seconds. The Preset Button number appears in the Display, and the bass and treble indicators begin to blink. After 2 seconds, the audio output will be temporarily muted to indicate that the tone mix has been stored in memory on that Preset Button. The audio will resume to confirm memory storage.
- Repeat the procedure with Preset Buttons 1-5.
- To activate a preset tone, use the AUD Button (10) to select the Bass or Treble mode, then press and release the desired Preset Button.

Loudness Control
Press AUD (Audio Select) Button (10) to select the bass or treble mode, then press LD (Loudness) Button (18) to activate the Loudness function. The sound level of the low and high frequencies will be increased, especially when listening at low volume levels. The "LOUD" symbol will illuminate in the display. To deactivate, press AUD Button (10) to select the bass or treble mode, then press LD Button (18).

Balance
Press AUD (Audio Select) Button (10) three times to select the Balance mode. The balance is indicated in the Display (3). Press the + Control (8) to increase the right speaker output or press the – Control (9) to increase the left speaker output to the desired level.

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Fader

Press AUD (Audio Select) Button (10) four times to select the Fader mode. The level of output for front and back speakers is indicated in the Display (3). Press the + Control (8) to decrease the rear speaker output. Press the – Control (9) to decrease the front speaker output.

SRC (Source) Button

Press the SRC (Source) Button (11) to switch between the sound sources: radio, CD, and the portable input jack.

Clock—Setting the Time

Turn the unit on by pressing the Power Button (7). If the clock time does not appear in the Display Window (3), press and hold the AUD Button (10) until the clock appears. To adjust the time, press and hold the AUD Button again until the display blinks the time.

Press the V Button (13) to set the hour, and press the Λ Button (12) to set the minutes. (To change the minute indication to "00", you can press the FM/AM/TS•P Button (15). For example, if it is pressed when the clock shows "9:15" or "9:36", the clock changes to show "9:00" or "10:00".) Once you have entered the desired time, press and release the AUD Button again. The clock now begins keeping time.

Display Priority

To change to the priority of the Display Window (3) from audio source to clock or from clock to audio source, the clock must appear in the display. (If necessary, press and hold the AUD Button (10) until the clock appears.) Then press and hold the AUD Button again until the display blinks the time. Then press and release the DISP Button to change the display priority.

Temporary Display Change

To temporarily change the display from audio source to clock, press and hold the AUD Button (10) for more than 1 second until the display changes.

To temporarily change the display from clock to audio source, press and hold the DISP Button (17) for more than 1 second until the display changes.

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After 8 seconds, the display automatically returns to the previous (priority) display.

Please note: When the radio is in use, pressing the DISP Button changes the sensitivity setting to the next of local, manual, or distance tuning modes. Pressing and holding the DISP Button for more than 2 seconds when FM is being received will change reception from stereo to mono.

RADIO OPERATION

Band Selection
Press the FM/AM Button (15) to select the bands FM1, FM2, FM3 and AM, sequentially. The display shows the active band, "FM1", "FM2", "FM3", or "AM", along with the radio frequency being received.

SENS (Sensitivity) Button
When the "SEEK" indicator appears in the Display, tuning stops at ALL receivable stations, weak or strong. To receive only strong local stations, press the SENS Button (17). "lo" will be shown in the display. To change to Manual Tuning, press the SENS Button again. When Manual Tuning is in effect, neither the "SEEK" or "lo" appears in the Display.

MONO (Monaural FM Reception)
If an FM stereo program is weak and noisy, press and hold the SENS Button (17) for two seconds to select the MONO mode. The program will be received in a monaural mode, eliminating the noise. "MONO" will appear in the Display.
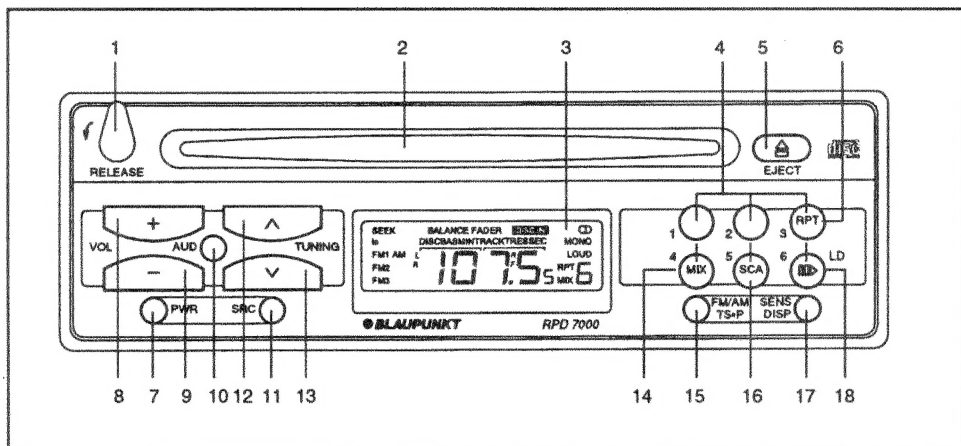
Automatic Seek Tuning
Press the ∧ Button (12) or ∨ Button (13) less than 1/2 second to seek the next receivable station.

Manual Tuning
Press and release the SENS Button (17) to change to manual tuning. Press the ∧ Button (12) or ∨ Button (13) for less than 1/2 second. The frequency will go one step in the direction pressed. If the button is held for more than 1/2 second, frequency will advance up or down continuously. Five seconds after you complete your adjustments, the Tuning Control reverts to Automatic Seek Tuning.

Preset Tuning
- Up to 18 FM and 6 AM stations can be stored in preset memory.
- Tune in a desired FM1, FM2, FM3, or AM station, either manually or automatically, as instructed above.
- Press and hold any one of the six Preset Buttons (4). The Preset Button number will appear in the Display. After 2 seconds, the audio output will be temporarily muted, and the chosen station will be stored in memory on the Preset Button and band you have chosen. The audio will resume to confirm memory storage.
- Repeat the above procedure with the rest of the presets until all six buttons have been fully programmed.
- To select a preset station, select the desired band, then press the desired Preset Button lightly.

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Travel Store Function

Use the FM/AM Button (15) to select the AM or FM3 band. Press this same button (15) again for more than 2 seconds. The unit automatically scans the selected band beginning with the frequency and preset currently displayed. The next six receivable stations will be automatically stored on Preset Buttons for that Band. The station presets on other bands will not be affected.

Scan

Press the ∧ (12) Button for more than two seconds to start scanning. Each station received will be heard for eight seconds before moving on to the next receivable station. To stop scanning, press the ∧ Button again.

Preset Scan

Press the ∨ (13) Button for more than two seconds to start preset scanning. Each preset station will be heard for eight seconds before moving on to the next preset station. To stop preset scanning, press the ∧ Button again.

COMPACT DISC OPERATION

Playing A Disc

Check Display (3) to make sure that "DISC IN" indicator is not lit. Insert a disc into the Disc Slot (2) with the label surface facing up. The disc is automatically loaded into the unit and play starts at the beginning of the first selection. The Track Number and "DISC IN" indicator will appear in the Display. The elapsed play time (minutes/seconds) can be displayed by pressing the DISP Button (17).

Ejecting A Disc

To eject a disc, press the Eject Button (5). The disc comes out automatically. If this button is pressed again or if the disc is not removed within about 5 seconds, the disc is automatically reloaded. Press the SRC Button (11) to restart disc playback.

Track Up/Down

Press and release the ∧ Button (12) or ∨ Button (13) to locate the desired track. Track number appears in the Display.

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Cue and Review
Press and hold the ∧ Button (12) or ∨ Button (13) to rapidly advance forward or backward to the desired position of the track during playback.

Pause
Press the [[]> (Pause) Button (18) during playback. Play will stop. Press again to resume play.

Repeat Play
Press the RPT (Repeat Play) Button (6) to repeat the same selection. The "RPT" indicator is displayed in the Display. To cancel, press this button again.

Mix Play
Press the MIX Button (14) to play the tracks in random order. The indicator "MIX" will appear in the Display. To cancel, press this button again.

Scan Play
Press the SCA Button (16) to hear the first 10 seconds of each track before automatically advancing to the next track. The track number blinks in the Display to indicate that scanning is underway. Press this button again to listen to the desired track.

Track Programming
You can personally program up to 16 selections in any order:
1 Play the CD track that you wish to program first.
2 Press the TS•P Button (15) and hold for about 2 seconds. The indicator "P" will appear in the Display. The first selection is now programmed.
3 Play the next selection that you wish to program, if any. Repeat the above steps, as desired, until up to 16 selections have been programmed.
4 To complete programming, press the TS•P Button again.

Program Play
Press the TS•P Button (15) to start the program play. The indicator "P" appears in the Display. If this button is pressed and no programming has been entered, the indicator "NO-P" appears in the Display.

Program Scan Play
1 Press the TS•P Button (15) to start the program play. The indicator "P" appears in the Display.
2 Then press the SCA (Scan) Button (16). The track number blinks and the beginning of each track will be played for about 10 seconds in the program play mode.
3 Press SCA Button (16) to listen to the desired track.

Program Clear
• To delete one selection from the programming:
  1 Begin program play as indicated above.
  2 Play the selection that you wish to delete from the Track Program.
  3 Press and hold down the TS•P Button (15) for about two seconds. The indicator "P" disappears from the Display. Only the selection played is canceled.
• To delete the entire Track Program:
  1 Begin Program Play as indicated above.
  2 Press and hold down the TS•P Button (15) for about four seconds after the indicator "P" disappears in the LCD. The entire program will be canceled and all the "A-CL" indicator will appear in the Display.

You can also delete the program by ejecting the disc or by turning the unit off.